

§102 Rejections

Claims 1-15 were rejected under 35 U.S.C. §102(e) as being anticipated by Shiga et al. (U.S. Patent No. 6,005,562).

Applicants submit that the independent claims (claims 1, 4 and 8-11) are patentable over Shiga.

Applicants' invention as recited in the independent claims is directed toward the transmission and reception of program data, data related to the program data and data concerning the display of the program related data. Each of the claims specifies that the program related data and the display related data are transmitted/received separately. For example, claim 1 recites in pertinent part: "generating means for generating said program related information and display related information relating to displaying said program related information," and "transmitting means for transmitting said program related information and said display related information separately."

Supporting disclosure for Applicants' data transmission/reception scheme can be found in the specification at, for example, page 12, line 16 – page 16, line 16.

Shiga does not disclose the separate transmission/reception of program related data and data related to the display of such program related data. Shiga is directed toward a system for transmitting and receiving electronic program guide data (see Shiga col. 1, lines 5-12). The Examiner asserts that Shiga "discloses wherein the transmitting [sic] transmits the second and third information separately (Fig. 1, element 304) (Col. 6, lines 26-34)." (Office Action page 3, lines 1 and 2). However, close inspection of the portion of Shiga cited by the Examiner reveals that Shiga merely discloses separate

transmission of "program data" and "electronic program guide data" (EPG1, EPG2 and EPG3), and does not disclose separate transmission of electronic program guide data and data concerning the display of the electronic program guide data (see Shiga col. 5, line 46 – col. 6, line 53). Accordingly, Applicants believe that claims 1, 4 and 8-11 are patentable over Shiga on at least this basis.

Claim 2 depends on claim 1. Since claim 1 is believed to be patentable over Shiga, claim 2 is believed to be patentable over Shiga on the basis of its dependency on claim 1.

Claims 5-7, 12 and 15 depend on claim 4. Since claim 4 is believed to be patentable over Shiga, claims 5-7, 12 and 15 are believed to be patentable over Shiga on the basis of their dependency on claim 4.

Claim 13 depends on claim 9. Since claim 9 is believed to be patentable over Shiga, claim 13 is believed to be patentable over Shiga on the basis of its dependency on claim 9.

Claim 14 depends on claim 11. Since claim 11 is believed to be patentable over Shiga, claim 14 is believed to be patentable over Shiga on the basis of its dependency on claim 11.

Applicants respectfully submit that all of the claims now pending in the application are in condition for allowance, which action is earnestly solicited.

It is submitted that these claims, as originally presented, are patentably distinct over the prior art cited by the Examiner, and that these claims were in full compliance with the requirements of 35 U.S.C. §112. Changes to these claims, as



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presented ~~herein~~ are not made for the purpose of patentability within the meaning of 35 U.S.C. §§101, 102, 103 or 112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

Statements appearing above with respect to the disclosures in the cited references represent the present opinions of the Applicants' undersigned attorney and, in the event that the Examiner disagrees with any such opinions, it is respectfully requested that the Examiner specifically indicate those portions of the respective reference providing the basis for a contrary view.

If any issues remain, or if the Examiner has any further suggestions, he/she is invited to call the undersigned at the telephone number provided below.

The Examiner is hereby authorized to charge any insufficient fees or credit any overpayment associated with the above-identified application to Deposit Account No. 50-0320.

The Examiner's consideration of this matter is gratefully acknowledged.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP

By: *Bruno Polito*
Bruno Polito
Reg. No. 38,580



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

--1. (Amended) A transmitter system for transmitting [second] program
related information [related] relating to [first] program information, comprising:
generating means for generating said [second] program related
information and [third] display related information [concerning on a layout in] relating to
displaying said [second] program related information; and
transmitting means for transmitting said [second] program related
information and said [third] display related information separately;
said generating means composing said [second] program related
information and said [third] display related information of a first part including
identification information for identifying said [second] program related information and
said [third] display related information and a second part composed of actual data.

[3. The transmitter system according to Claim 1, wherein said
transmitting means transmits said second information and said third information
separately.]

4. (Amended) A receiver system for receiving [second] program related
information [related] relating to [first] program information, comprising:
receiving means for separately receiving said [second] program related
information and [third] display related information [concerning on a layout in] relating to
displaying said [second] program related information; and

generating means for generating fourth information for displaying said [second] program related information [from said second] based on said program related information and said [third] display related information.

5. (Amended) The receiver system according to Claim 4, further comprising:

first separating means for separating said [second] program related information and said [third] display related information into a first part containing identification information for identifying said [second] program related information and said [third] display related information and a second part composed of actual data;

second separating means for separating said second part into a third part comprising identification information for identifying said second part and a fourth part composed of actual data; and

retrieving means for retrieving data of said second part and said fourth part of said [second] program related information and said [third] display related information based on said identification information.

6. (Amended) The receiver system according to Claim 5, further comprising updating means for updating said second part and said fourth part of said [second] program related information and said [third] display related information based on said identification information.

8. (Amended) A transmitting method for transmitting [second] program related information [related] relating to [first] program information, comprising the steps of:

generating said [second] program related information and [third] display related information [concerning on a layout in] relating to displaying said [second] program related information; and

transmitting said [second] program related information and said [third] display related information separately;

said generating step composing said [second] program related information and said [third] display related information of a first part including identification information for identifying said [second] program related information and said [third] display related information and a second part composed of actual data.

9. (Amended) A receiving method for receiving [second] program related information [related] relating to [first] program information, comprising the steps of:

receiving separately said [second] program related information and [third] display related information [concerning on a layout in] relating to displaying said [second] program related information; and

generating fourth information for displaying said [second] program related information [from] based on said [second] program related information and said [third] display related information.

10. (Amended) A transmission medium for transmitting a computer program for transmitting [second] program related information [related] relating to [first] program information, said computer program comprising the steps of:

generating said [second] program related information and [third] display related information [concerning on a layout in] relating to displaying said [second] program related information; and

transmitting said [second] program related information and said [third] display related information separately;

said generating step composing said [second] program related information and said [third] display related information of a first part including identification information for identifying said [second] program related information and said [third] display related information and a second part composed of actual data.

11. (Amended) A transmission medium for transmitting a computer program for receiving [second] program related information [related] relating to [first] program information, said computer program comprising the steps of:

receiving separately said [second] program related information and [third] display related information [concerning on a layout in] relating to displaying said [second] program related information; and

generating fourth information for displaying said [second] program related information [from] based on said [second] program related information and said [third] display related information.

12. (Amended) The receiver system according to Claim 4, further comprising second generating means for generating fifth information from said [second] program related information and said [third] display related information.

13. (Amended) The receiving method according to Claim 9, further comprising a second generating step for generating fifth information from said [second] program related information and said [third] display related information.

14. (Amended) The transmitting medium according to Claim 11, further comprising a second generating step for generating fifth information from said [second] program related information and said [third] display related information.--